A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** September 21, 1984 **NO.**38

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/21/84	Last Week Ending: 09/14/84	Last Year Week Ending: 09/23/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,493	12,507	12,814	-14	-321
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	77.7	77.8	78.6		
Motor Gasoline					
Total motor gasoline production	6,484	6,398	6,613	86	-129
Finished leaded motor gasoline production	2,549	2,457	3,019	92	-470
Finished unleaded motor gasoline production	3,935	3,941	3,594	-6	341
Total motor gasoline stocks	225,740	227,390	230,601	-1,650	-4,861
Finished leaded motor gasoline stocks	84,123	84,753	98,293	-630	-14,170
Finished unleaded motor gasoline stocks	102,076	102,943	92,787	-867	9,289
Distillate Fuel Oil					
Distillate fuel oil production	2,727	2,653	2,735	74	-8
Distillate fuel oil stocks	140,524	140,768	154,508	-244	-13,984
Residual Fuel Oil					
Residual fuel oil production	884	888	776	-4	108
Residual fuel oil stocks	49,230	48,599	47,533	631	1,697
Imports					
Crude oil imports	3,097	3,493	4,370	-396	-1,273
Product imports	1,748	1,687	1,953	61	-205
Crude Oil Stocks					
Crude oil stocks	327,114	337,939	347,773	-10,825	-20,659

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,145	1,107	1,111	1,405	79.1
Appal. No. 1	91	87	88	115	76.5
DISTRICT 1 TOTAL	1,236	1,194	1,199	1,520	78.9
Appal. No. 2	61	61	61	66	92.4
Ind., Ill., Ky.	1,862	1,795	1,813	2,309	78.5
Minn., Wis., Daks.	297	293	297	303	98.0
Okla., Kans., Mo.	870	678	678	755	89.8
DISTRICT 2 TOTAL	3,090	2,827	2,849	3,433	83.0
Inland Texas	549	524	526	615	85.5
Texas Gulf Coast	3,267*	2,786*	2,807*	3,837	73.2*
La. Gulf Coast	2,131	2,038	2,048	2,562	79.9
N. La. and Ark.	193	192	192	302	63.6
New Mexico	76	65	65	114	57.0
DISTRICT 3 TOTAL	6,216*	5,605*	5,638*	7,430	75.9*
DISTRICT 4 TOTAL	463	456	456	537	84.9
DISTRICT 5 TOTAL	2,491	2,314	2,351	3,154	74.5
TOTAL U.S.	13,496	12,396	12,493	16,074	77.7
TOTAL U.S. Weeks Ended:					
SEP. 14, 1984	13,491*	12,395*	12,507*	16,074	77.8*
SEP. 23, 1983	13,510	12,401	12,814	16,294	78.6
DISTRICTS 1-4 Weeks Ended:					
SEP. 21, 1984	11,005	10,082	10,142	12,920	78.5
SEP. 14, 1984	11,050*	10,053*	10,159*	12,920	78.6*
SEP. 23, 1983	11,347	10,266	10,598	13,234	80.1

API WEEKLY STATISTICAL BULLETIN
Week Ended September 21, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	546	147	399	22	37	208	126
Appal. No. 1	33	13	20	--	--	24	2
DISTRICT 1 TOTAL	579	160	419	22	37	232	128
Appal. No. 2	34	15	19	5	1	14	3
Ind., Ill., Ky.	1,020	367	653	17	110	378	22
Minn., Wis., Daks.	152	82	70	2	17	65	5
Okla., Kans., Mo.	403	213	190	--	47	186	11
DISTRICT 2 TOTAL	1,609	677	932	24	175	643	41
Inland Texas	312	151	161	36	38	126	29
Texas Gulf Coast	1,495*	517*	978	36	197	690	180
La. Gulf Coast	1,067	404	663	25	221	422	102
N. La. and Ark.	48	33	15	7	--	59	8
New Mexico	42	20	22	6	2	18	--
DISTRICT 3 TOTAL	2,964*	1,125*	1,839	110	458	1,315	319
DISTRICT 4 TOTAL	241	146	95	17	19	118	14
DISTRICT 5 TOTAL	1,091	441	650	63	254	419	382
TOTAL U.S.	6,484	2,549	3,935	236	943	2,727	884
TOTAL U.S.							
Weeks Ended:							
SEP. 14, 1984	6,398*	2,457*	3,941	217	990	2,653	888
SEP. 23, 1983	6,613	3,019	3,594	194	874	2,735	776
DISTRICTS 1-4							
Weeks Ended:							
SEP. 21, 1984	5,393	2,108	3,285	173	689	2,308	502
SEP. 14, 1984	5,331*	2,023*	3,308	165	715	2,256	502
SEP. 23, 1983	5,535	2,572	2,963	159	622	2,383	481

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended September 21, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,224	2,328	2,895	1	108	647	8,416	1,215	--
Central Atlantic	31,569	11,672	14,359	5,538	383	4,130	31,015	19,238	11,485
Lower Atlantic	25,066	10,383	14,452	231	241	4,574	15,845	3,556	428
DISTRICT 1 TOTAL	61,859	24,383	31,706	5,770	732	9,351	55,276	24,009	11,913
DISTRICT 2 TOTAL	64,582	28,319	28,626	7,637	1,596	9,382	38,981	4,598	17,801
DISTRICT 3 TOTAL	66,863*	20,339	29,333	17,191*	2,664	13,499	31,785	10,056	51,191
DISTRICT 4 TOTAL	6,134	2,759	1,806	1,569	414	825	3,609	613	2,569
DISTRICT 5 TOTAL	26,302	8,323	10,605	7,374	1,889	6,249	10,873	9,954	24,362
TOTAL U.S.	225,740	84,123	102,076	39,541	7,295	39,306	140,524	49,230	107,836
TOTAL U.S.									
Weeks Ended:									
SEP. 14, 1984	227,390*	84,753	102,943	39,694*	7,148	39,475	140,768	48,599	105,758
SEP. 23, 1983	230,601	98,293	92,787	39,521	6,632	34,324	154,508	47,533	113,647
DISTRICTS 1-4									
Weeks Ended:									
SEP. 21, 1984	199,438	75,800	91,471	32,167	5,406	33,057	129,651	39,276	83,474
SEP. 14, 1984	200,663*	76,476	92,301	31,886*	5,319	33,492	129,709	39,052	82,141
SEP. 23, 1983	200,823	88,183	81,221	31,419	4,885	28,268	143,158	38,816	89,731

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended September 21, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Apr. 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
SEP. 21, 1984	5,935.0	5,989.0	2,924	230	255,344
SEP. 14, 1984	5,935.0	--	3,259	339	260,693*
SEP. 7, 1984	5,943.5	--	3,579	348	261,799
AUG. 31, 1984	5,943.5	--	2,885	355	262,742
DISTRICT 5 TOTAL					
SEP. 21, 1984	2,899.9	2,893.0	173	--	71,770 ‡
SEP. 14, 1984	2,899.9	--	234	6	77,246
SEP. 7, 1984	2,837.7	--	75	8	78,523
AUG. 31, 1984	2,837.7	--	155	--	79,095
TOTAL U.S.					
SEP. 21, 1984	8,834.9	8,882.0	3,097	230	327,114 ‡
SEP. 14, 1984	8,834.9	--	3,493	345	337,939*
SEP. 7, 1984	8,781.2	--	3,654	356	340,322
AUG. 31, 1984	8,781.2	--	3,040	355	341,837
SEP. 23, 1983	8,784.0/a	--	4,370	299	347,773

‡INCLUDES 21,425 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a DOE actual for September 1983

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
SEP. 21, 1984	15,606	74,075	151,991	13,672	255,344	71,770 ‡	327,114 ‡
SEP. 14, 1984	16,898	75,912	154,869*	13,014	260,693*	77,246	337,939*
SEP. 23, 1983	15,090	74,841	160,898	13,069	263,898	83,875	347,773

[1]See definitional notes, Page 6.

* See Revisions on Page 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	92	26	66	--	--	61	8	--	--	--	161
Central Atlantic	231	167	64	--	27	202	359	--	--	51	870
Lower Atlantic	21	6	15	--	5	116	70	--	--	--	212
DISTRICT 1 TOTAL											
SEP. 21, 1984	344	199	145	--	32	379	437	--	--	51	1,243
SEP. 14, 1984	396	172	224	--	28	126	540	3	--	99	1,192
SEP. 7, 1984	268	117	151	33	35	165	653	5	11	17	1,187
AUG. 31, 1984	322	96	226	33	21	231	505	28	26	34	1,200
DISTRICTS 2-4 TOTAL											
SEP. 21, 1984	53	16	37	--	--	17	84	72	126	53	405
SEP. 14, 1984	45	45	--	--	1	8	60	101	84	99	398
SEP. 7, 1984	20	14	6	--	--	28	49	118	91	307	613
AUG. 31, 1984	26	15	11	--	--	47	54	321	86	95	629
DISTRICT 5 TOTAL											
SEP. 21, 1984	21	2	19	--	--	7	4	9	15	44	100
SEP. 14, 1984	19	--	19	--	--	15	15	12	6	30	97
SEP. 7, 1984	21	7	14	--	2	4	14	8	14	30	93
AUG. 31, 1984	26	5	21	--	--	--	14	6	--	43	89
TOTAL U.S.	418	217	201	--	32	403	525	81	141	148	1,748
TOTAL U.S.											
Weeks Ended:											
SEP. 14, 1984	460	217	243	--	29	149	615	116	90	228	1,687
SEP. 7, 1984	309	138	171	33	37	197	716	131	116	354	1,893
AUG. 31, 1984	374	116	258	33	21	278	573	355	112	172	1,918
SEP. 23, 1983	273	125	148	--	50	212	781	117	350	170	1,953

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

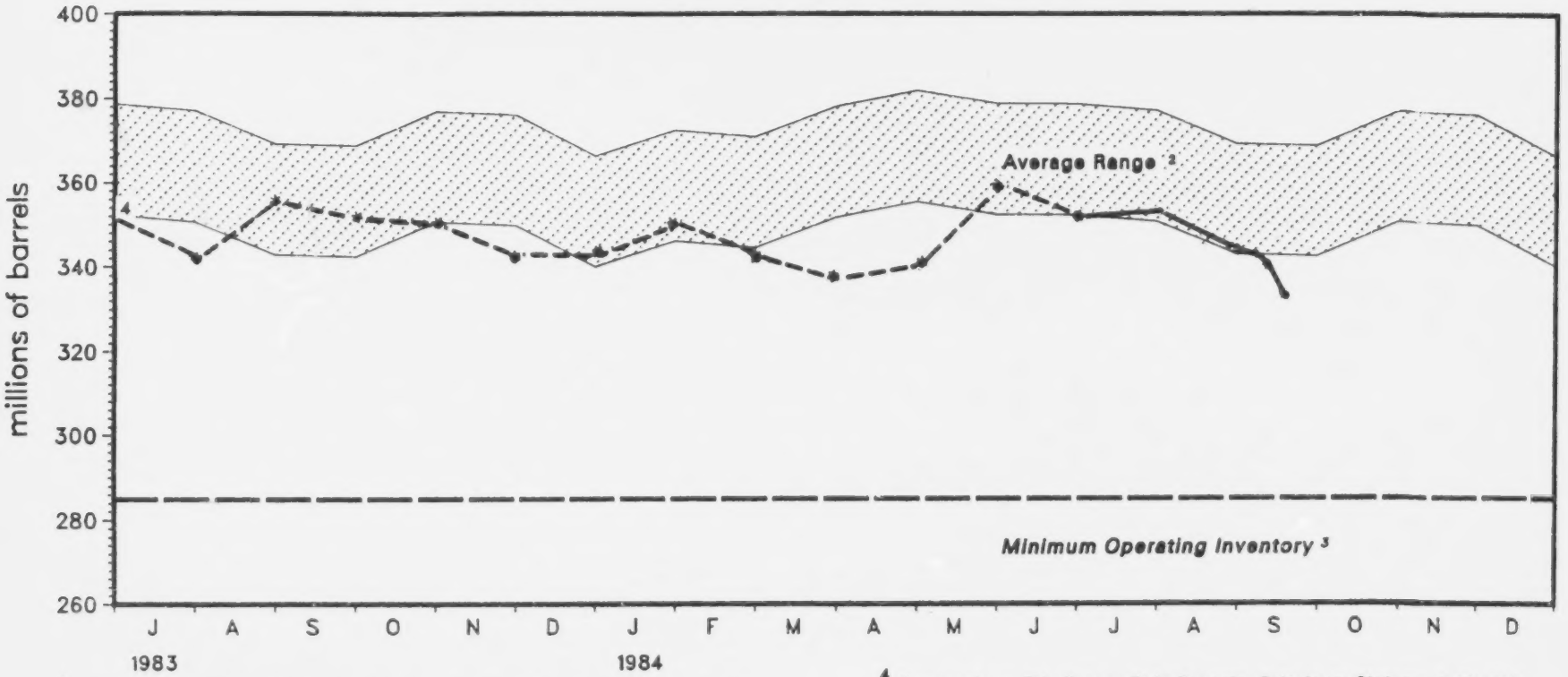
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: SEP. 21, 1984

REVISIONS

09/14/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,323
			DISTRICT 3 TOTAL	6,312
			TOTAL U.S.	13,491
			DISTRICTS 1-4	11,050
		CRUDE OIL RUNS	TEXAS GULF COAST	2,819
			DISTRICT 3 TOTAL	5,587
			TOTAL U.S.	12,395
			DISTRICTS 1-4	10,053
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,867
			DISTRICT 3 TOTAL	5,655
			TOTAL U.S.	12,507
			DISTRICTS 1-4	10,159
		% OPERABLE	TEXAS GULF COAST	74.7
			DISTRICT 3 TOTAL	76.1
			TOTAL U.S.	77.8
			DISTRICTS 1-4	78.6
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,417
			DISTRICT 3 TOTAL	2,833
			TOTAL U.S.	6,398
			DISTRICTS 1-4	5,331
		LEADED MGAS	TEXAS GULF COAST	470
			DISTRICT 3 TOTAL	985
			TOTAL U.S.	2,457
			DISTRICTS 1-4	2,023
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	65,118
			TOTAL U.S.	227,390
			DISTRICTS 1-4	200,663
		BLENDING COMPS	DISTRICT 3 TOTAL	17,023
			TOTAL U.S.	39,694
			DISTRICTS 1-4	31,886
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	260,693
			TOTAL U.S.	337,939
	PAGE 4 B	TOTAL	PAD DISTRICT 3	154,869
			TOTAL PAD DISTRICTS 1-4	260,693
			TOTAL U.S.	337,939

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

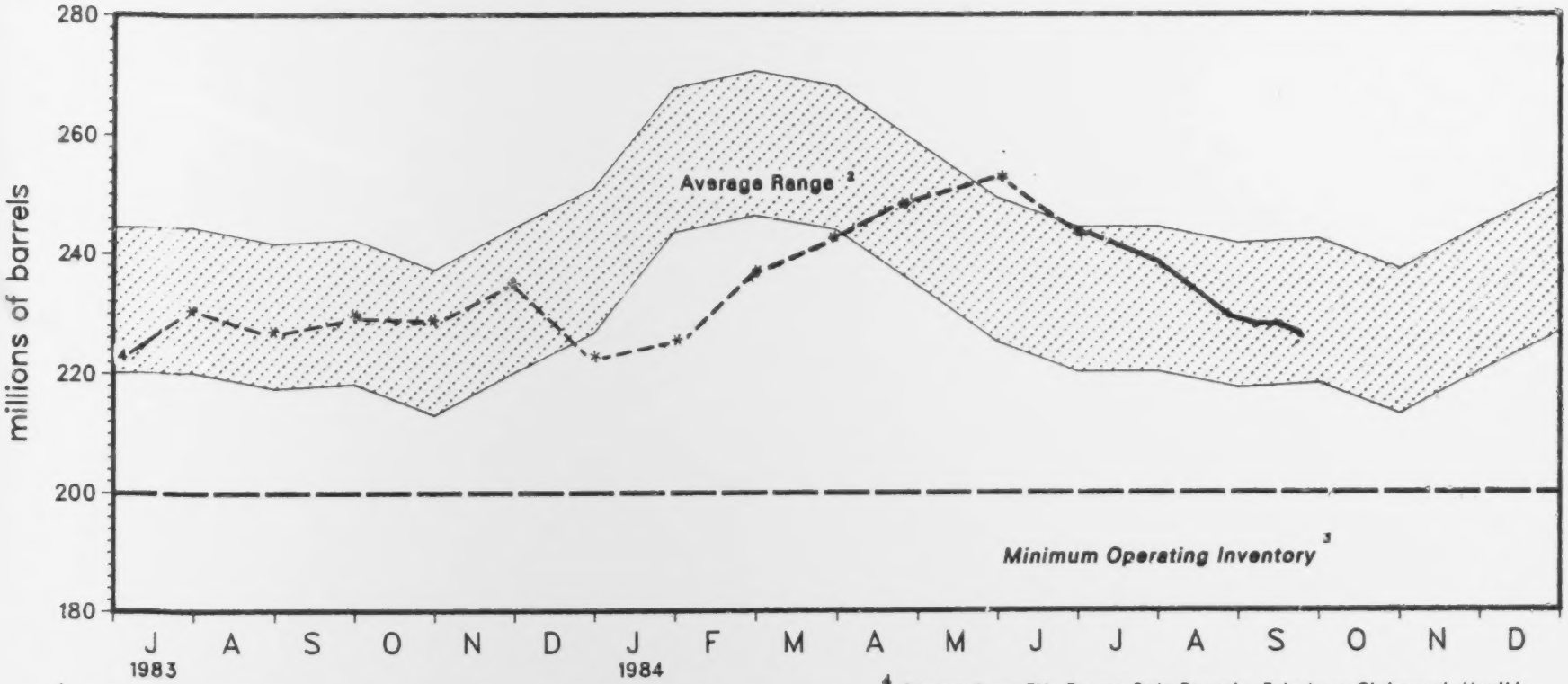
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

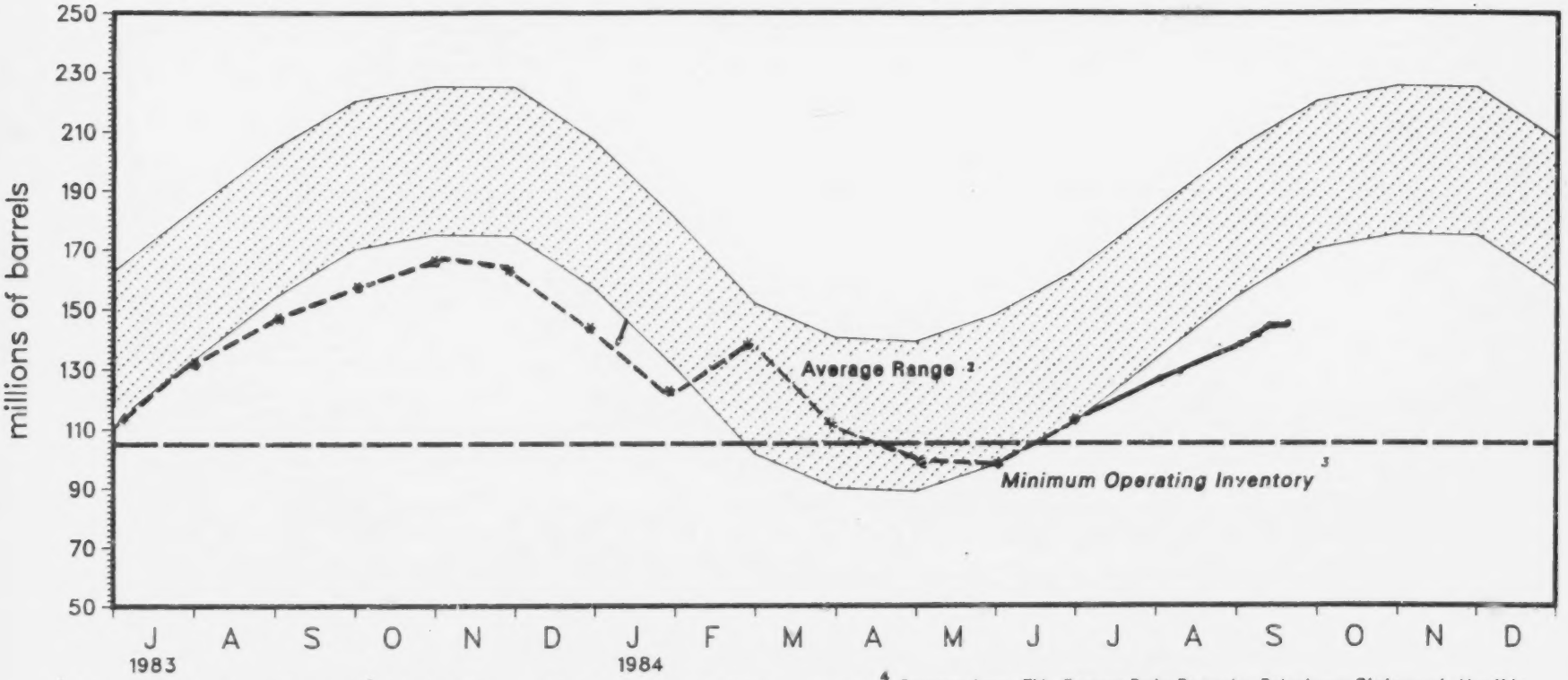
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*